

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	228	(apertures holes) with partially with adhesive	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:11
L12	69	(apertures holes) with partially with extend\$3 same adhesive	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:18
L13	253	(apertures holes perforation) with partially with extend\$3 and adhesive and (porous foam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:18
L14	6	(apertures holes perforation) with partially with extend\$3 with adhesive and (porous foam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:20
L15	253	(apertures holes perforation) with partially with extend\$3 and adhesive and (porous foam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:20
L16	4	(apertures holes perforation) with partially with extend\$3 with bonding and adhesive and (porous foam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:22
L17	6	(apertures holes perforation) with partially with extend\$3 with bonding and (porous foam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:23
L18	7	(apertures holes perforation) with partially with extend\$3 and 428/131.ccls. and (porous foam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:26
L19	18	(apertures holes perforation) with partially with extend\$3 and 428/131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:32
L20	25	(apertures holes perforation opening) with partially with extend\$3 and 428/131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:34
L21	6283	(apertures holes perforation opening) near3 partially with extend\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:34
L22	0	(apertures holes perforation opening) near3 partially with extend\$3 with adhesive with filled	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:34

L23	30	(apertures holes perforation opening) near3 partially with extend\$3 and adhesive with filled	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:36
L24	25	recess with filled with adhesive with bonding	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 11:44
L25	132	(recess holes opening perforation aperture) with filled with adhesive with bonding	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:17
L26	3973	(recess holes opening perforation aperture) with adhesive with bonding	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:17
L27	7	(recess holes opening perforation aperture) with adhesive with bonding and 428/131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:21
L28	114	(recess holes opening perforation aperture) with adhesive with bonding and "52"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:23
L29	357	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with partially	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:23
L30	83	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with partially with extend\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:23
L31	6	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with partially with extend\$3 and "52"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:24
L32	261	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (partially completely) with (extend\$3 through)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:25
L33	1	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (partially completely) with (extend\$3 through) and 428/131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:25

L34	261	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (partially completely) with (extend\$3 through)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:26
L35	733	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5 completely) with (extend\$3 through)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:27
L36	1	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5 completely) with (extend\$3 through) and 428/131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:27
L37	24	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5 completely) with (extend\$3 through) and "52"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:31
L38	733	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5 completely) with (extend\$3 through)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:31
L39	1	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5 completely) with (extend\$3 through) and "52"/\$.ccls. and "428"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:32
L40	11	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5 completely) with (extend\$3 through) and porous and non?porous	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:35
L41	0	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5) with (extend\$3 through) with substrate with non?porous	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:35

L42	0	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5) with (extend\$3 through) with non?porous	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:35
L43	652	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5) with (extend\$3 through)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 12:35
L44	1	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5) with (extend\$3 through) and 428/131.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/01 12:36
L45	547	(recess holes opening perforation aperture) with adhesive with bonding and (recess holes opening perforation aperture) with (part\$5) with (extend\$3 through)	US-PGPUB; USPAT	OR	OFF	2005/09/01 12:36
L46	208	(holes perforation aperture) with adhesive with bonding and (holes perforation aperture) with (part\$5) with (extend\$3 through)	US-PGPUB; USPAT	OR	OFF	2005/09/01 12:48
L47	0	(holes perforation aperture) with adhesive with bonding and (holes perforation aperture) with (part\$5) with (extend\$3 through) and non?through adj holes	US-PGPUB; USPAT	OR	OFF	2005/09/01 12:37
L48	0	(holes perforation aperture) with adhesive with bonding and (holes perforation aperture) with (part\$5) with (extend\$3 through) and non?thorough adj holes	US-PGPUB; USPAT	OR	OFF	2005/09/01 12:37
L49	3	"3443349".pn. "4326909".pn. "5231814".pn.	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:06
L50	2	piezoelectric adj vibrator with porous	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:08
L51	18	piezoelectric adj vibrator with apertures	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:09
L52	18	piezoelectric adj vibrat\$3 and apertures with metal	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:11
L53	0	piezoelectric adj vibrat\$3 and apertures with ahesive with bond\$3	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:12
L54	4	piezoelectric adj vibrat\$3 and apertures with adhesive with bond\$3	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:13

L55	25	piezoelectric and apertures with adhesive with bond\$3	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:24
L56	290	piezoelectric and apertures with width	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:24
L57	17	piezoelectric and apertures with width with depth	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:27
L58	0	piezoelectric and metal with apertures with width with depth	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:27
L59	0	piezoelectric and metal\$3 with apertures with width with depth	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:27
L60	17	piezoelectric and metal\$3 with holes with size	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:30
L61	0	piezoelectric with bonded with metal\$3 with holes with size	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:30
L62	0	piezoelectric with metal\$3 with holes with size	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:30
L63	0	piezoelectric with metal\$3 with (aperatures holes) with size	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:31
L64	0	piezoelectric with metal\$3 with (aperatures holes cervice) with size	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:31
L65	98	piezoelectric with metal\$3 with (aperatures holes cervice)	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:31
L66	0	piezoelectric with metal\$3 with (aperatures holes cervice) with (depth)	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:31
L67	1	piezoelectric with metal\$3 with (aperatures holes cervice) with (width)	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:32
L68	159	(aperatures holes cervice) with adhesive with (width)	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:32
L69	586	(aperatures holes cervice) with adhesive with (width diameter)	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:32
L70	21	(aperatures holes cervice) with adhesive with (width diameter) and piezoelectric	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:38
L71	0	aperatures with adhesive with (width diameter) and piezoelectric	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:38
L72	0	aperatures with adhesive with (width diameter size) and piezoelectric	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:38
L73	1	aperatures with adhesive with (width diameter size) with bond\$3	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:39
L74	1455	matsushita and piezoelectric	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:40

L75	91	matsushita and piezoelectric and apertures	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:40
L76	6	matsushita and piezoelectric and apertures with diameter	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:41
L77	17	matsushita and piezoelectric and bonding with (apertures holes pores)	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:46
L78	1	matsushita and piezoelectric and bonding with (apertures holes pores) with adhesive	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:47
L79	65	piezoelectric and bonding with (apertures holes pores) with adhesive	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:47
L80	0	piezoelectric and bonding with non?through adj (apertures holes pores) with adhesive	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:48
L81	0	piezoelectric and non?through adj (apertures holes pores) with adhesive	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:48
L82	850	piezoelectric and (apertures holes pores) with adhesive	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:48
L83	162	piezoelectric and (apertures holes pores) with adhesive with bond\$3	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:48
L84	2	piezoelectric and metallic with (apertures holes pores) with adhesive with bond\$3	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:49
L85	13	piezoelectric and metal with (apertures holes pores) with adhesive with bond\$3	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:51
L86	1	piezoelectric with metal with (apertures holes pores) with adhesive with bond\$3	US-PGPUB; USPAT	OR	OFF	2005/09/01 13:51